

Amendments to the Claims

Claims 1- 54 (cancelled).

Claim 55 (currently amended): A method of forming a conductive material, comprising:

providing a semiconductor substrate;

forming an insulative material over the substrate, wherein the insulative material comprises sidewalls defining an opening extending to the substrate in at least one cross-section;

forming a first conductive material over the substrate and within the opening, the first conductive material comprising one or more of TiN, WN, TaN, elemental Ta, and elemental Ti; and

depositing a second conductive material physically against the first conductive material, the second conductive material consisting essentially of a metal and being different than the first conductive material, wherein the depositing comprises:

providing a metallo-organic precursor proximate the first conductive material, wherein the metallo-organic precursor comprises the metal and carbon; and

exposing the precursor to a reducing atmosphere to release the metal from the precursor to form the second conductive material physically against the first conductive material without an insulative composition between the first and second conductive ~~materials.~~ materials; and
etching the second conductive material into a rectangular block, wherein the sidewalls of the block are aligned vertically between the sidewalls defining the opening in at least the one cross-section.

Claim 56-58 (cancelled).

Claim 59 (previously presented): The method of claim 55 wherein:

the metallo-organic precursor consists essentially of tricarbonyl-cyclohexadiene ruthenium;

the reducing atmosphere consists essentially of ammonia; and

the second conductive material has a thickness of about 450 Å.

Claim 60 (currently amended): A method of forming a conductive material, comprising:

providing a semiconductor substrate having a tungsten-comprising layer
thereover, the tungsten-comprising layer comprising an upper surface of elemental tungsten;

exposing one or more metallo-organic precursors to a reducing atmosphere to release metal from at least one of said precursors, the one or more precursors comprising one or more of ruthenium, rhodium, iridium, cobalt, palladium, and nickel; and

depositing the released metal over the tungsten-comprising layer to form a conductive material on the tungsten-comprising layer, wherein the conductive material is formed physically against the upper surface.

Claim 61-63 (cancelled).

Claim 64 (previously presented): The method of claim 60 wherein

tricarbonyl-cyclohexadiene ruthenium is comprised by said one or more precursors.

Claim 65 (previously presented): The method of claim 60 wherein the reducing atmosphere comprises ammonia.

Claim 66-69 (cancelled).

Claim 70 (currently amended): The method of claim ~~58~~ 55 wherein the block is aligned horizontally above the insulative material in at least the one cross-section.